AUTHOR INDEX

Adami, M., *see* Schmeer, N. et al.
Anderson, B.J., *see* Egerton, J.R. et al.
Apel, J., *see* Schmeer, N. et al.
Aynaud, J.M., *see* Nyuyen, T.D. et al.
Bailie, W.E., *see* DeBey, M.C. and Bailie, W.E.
Ball, H.J., Mackie, D.P. and Logan, E.F. (Belfast, N. Ireland)
The potential of the ovine udder as a model to determine the pathogenicity of bovine ureaplasmas 157
Barberán, M., *see* Blasco, J.M. et al.
Biront, P., Vandeputte, J. and Leunen, J. (Brussels, Belgium)
Inhibition of virus replication in the tonsils of pigs previously vaccinated with a Chinese strain vaccine and challenged oronasally with a virulent strain of classical swine fever virus 105
Blasco, J.M., Marin, C.M., Barberan, M. (Zaragoza, Spain), Moriyon, I. and Diaz, R. (Pamplona, Spain)
Immunization with *Brucella melitensis* Rev 1 against *Brucella ovis* infection of rams 381
Bonte, P., *see* Miry, C. et al.
Bottreau, E., *see* Nguyen, T.D. et al.
Bounavolgia, C., *see* Swaney, L.M. et al.
Bowles, P.M., Woolcock, J.B. and Mutimer, M.D. (St. Lucia, Qld., Australia)
Experimental infection of mice with *Rhodococcus equi*: differences in virulence between strains 259
Bowles, P.M., *see* Woolcock, J.B. et al.
Brewer, R.A., *see* Stuart, F.A. et al.
Burroughs, A.L., Park, S.H. and Vestweber, J.G. (Manhattan, KS, U.S.A.)
The immune response to experimental *Pasteurella haemolytica* infection in calves 75
Butler, E.E. (Davis, CA, U.S.A.)
Book review of *Moulds and Filamentous Fungi in Technical Microbiology* by O. Fassatiova 99
Collins, D.M., *see* de Lisle, G.W. et al.
Corbel, M.J., *see* Stuart, F.A. et al.
Cox, P.T., *see* Egerton, J.R. et al.
Crandell, R.A., Schwartz, W.L. and Lawhorn, D.B. (College Station, TX, U.S.A.)
Isolation of infectious bovine rhinotracheitis virus from a latently infected feral pig 191
Czuprynski, C.J., Hamilton, H.L. and Noel, E.J. (Madison, WI, U.S.A.)
Ingestion and killing of *Pasteurella haemolytica* A1 by bovine neutrophils in vitro 61
DeBey, M.C. and Bailie, W.E. (Manhattan, KS, U.S.A.)
Rhodococcus equi in fecal and environmental samples from Kansas horse farms 251
De Geest, J., *see* Miry, C. et al.
De Lisle, G.W., Pettett, A.M., Wall, E.P. and Collins, D.M. (Upper Hutt, New Zealand)
An examination of *Campylobacter fetus* subsp. *fetus* by restriction endonuclease analysis and serology 53
Díaz, R., *see* Blasco, J.M. et al.
Divers, T.J., *see* Sweeney, C.R. et al.
Duder, C.K., *see* Yager, J.A. et al.
Egerton, J.R., Cox, P.T., Anderson, B.J., Kristo, C., Norman, M. (Sydney, N.S.W., Australia) and Mattick, J.S. (North Ryde, N.S.W., Australia)
Protection of sheep against footrot with a recombinant DNA-based fimbrial vaccine 393

Eguchi, M., *see* Kishima, M. et al.
see Hohdatsu, T. et al.
Fernando, M.A., *see* Zink, M.C. et al.
Fushiki, T., *see* Sato, K. et al.
Genovesi, E.V., *see* Knudsen, R.C. et al.
Goodfellow, M. (Newcastle upon Tyne, Gt. Britain)
Epidemiology of *Rhodococcus equi* infection in horses 211
Haagsma, J. (Lelystad, The Netherlands)
Book review of *Population Dynamics of Rabies in Wildlife* by Ph.J. Bacon (Editor) 95
Hamilton, H.L., *see* Czuprynski, C.J. et al.
Hazen, M.J., *see* van den Bogaard, A.E.J.M. et al.
Hietala, S.K. and Ardans, A.A. (Davis, CA, U.S.A.)
Interaction of *Rhodococcus equi* with phagocytic cells from *R. equi*-exposed and non-exposed foals 307
Hietala, S.K., *see* Martens, R.J. et al.
Hillidge, C.J. (Gainesville, FL, U.S.A.)
Use of erythromycin–rifampin combination in treatment of *Rhodococcus equi* pneumonia 337
Hohdatsu, T., Eguchi, Y., Tsuchimoto, M., Ide, S., Yamagishi, H. (Chiba, Japan) and Matumoto, M. (Tokyo, Japan)
Antigenic variation of porcine transmissible gastroenteritis virus detected by monoclonal antibodies 115
Hughes, K.L. and Sulaiman, I. (Parkville, Vic., Australia)
The ecology of *Rhodococcus equi* and physicochemical influence on growth 241
Ide, S., *see* Hohdatsu, T. et al.
Imamura, E., *see* Kishima, M. et al.
Inaba, Y., *see* Sato, K. et al.
Ito, H., Ono, E. and Yanagawa, R. (Sapporo, Japan)
Comparison of surface hydrophobicity of piliated and non-piliated clones of *Corynebacterium renale* and *Corynebacterium pilosum* 165
Johnson, A.P. (Harrow, Gt. Britain) and Taylor, G. (Compton, Gt. Britain)
Book review of *Monoclonal Antibodies Against Bacteria* by Alberto J.L. Macario and Everly Conway de Macario (Editors) 197
Johnson, D.W., *see* Taoudi, A. et al.
Kawazu, S., *see* Takai, S. et al.
Kheyyali, D., *see* Taoudi, A. et al.
Kirchhoff, H., *see* Taoudi, A. et al.
Kishima, M., Kuniyasu, C., Eguchi, M. (Hokkaido, Japan), Yamamoto, M. and Imamura, E. (Tokyo, Japan)
Cell-mediated and humoral immune response to non-viable *Mycoplasma pulmonis* in mice enhanced by cross-linked ricin 145
Knudsen, R.C., Genovesi, E.V., Whyard, T.C. and Wool, S.H. (Greenport, NY, U.S.A.)
Cytopathogenic effect of African swine fever virus for pig monocytes: characterization and use in microassay 15

Kobayashi, Y., *see* Takeuchi, S. et al.
Krauss, H., *see* Schmeer, N. et al.
Kristo, C., *see* Egerton, J.R. et al.
Kuniyasu, C., *see* Kishima, M. et al.
Lawhorn, D.B., *see* Crandell, R.A. et al.
Leunen, J., *see* Bironf, P. et al.
Logan, E.F., *see* Ball, H.J. et al.
Lyburt, F., *see* Swaney, L.M. et al.
Mackie, D.P., *see* Ball, H.J. et al.
Marín, C.M., *see* Blasco, J.M. et al.
Martens, J.G., *see* Martens, R.J. et al.
Martens, R.J., Martens, J.G. (College Station, TX, U.S.A.), Renshaw, H.W. (Storrs, CT, U.S.A.) and Hietala, S.K. (Davis, CA, U.S.A.)
Rhodococcus equi: equine neutrophil chemiluminescent and bactericidal responses to opsonizing antibody 277
Mattick, J.S., *see* Egerton, J.R. et al.
Matumoto, M., *see* Hohdatsu, T. et al.
see Sato, K. et al.
McKeever, D.J. and Reid, H.W. (Edinburgh, Gt. Britain)
The response of the supramammary lymph node of the sheep to secondary infection with orf virus 3
Mebus, C.A., *see* Swaney, L.M. et al.
Miry, C., Pensaert, M.B., Bonte, P. and de Geest, J. (Ghent, Belgium)
Effect of intratesticular inoculation with Aujeszky's disease virus on genital organs of boars 355
Mitchell, D. (Alberta, Canada)
Book review of *Diseases Transmissible by Semen and Embryo Transfer Techniques* by W.C.D. Hare 201
Moriyón, I., *see* Blasco, J.M. et al.
Morozumi, T., *see* Takeuchi, S. et al.
Motha, M.X.J. (Camden, N.S.W., Australia)
Clinical effects, virological and serological responses in chickens following in-ovo inoculation of reticuloendotheliosis virus 411
Muller, H.-P., *see* Schmeer, N. et al.
Mutimer, M.D., *see* Bowles, P.M. et al.
see Woolcock, J.B. et al.
Nguyen, T.D. (Hanoi, Vietnam), Bottreau, E. and Aynaud, J.M. (Nouzilly, France)
Transmissible gastroenteritis (TGE) of swine: in vitro virus attachment and effects of polyanions and polycations 343
Noel, E.J., *see* Czuprynski, C.J. et al.
Noordergraaf, J.H., *see* Ter Laak, E.A. and Noordergraaf, J.H.
Norman, M., *see* Egerton, J.R. et al.
Okerman, L. (Ghent, Belgium)
Enteric infections caused by non-enterotoxigenic *Escherichia coli* in animals: occurrence and pathogenicity mechanisms. A review 33
Ono, E., *see* Ito, H. et al.
Orfei, S., *see* Swaney, L.M. et al.
Park, S.H., *see* Burroughs, A.L. et al.
Pensaert, M.B., *see* Miry, C. et al.
Perez-Martinez, J.A., *see* Schmeer, N. et al.
Pettett, A.M., *see* de Lisle, G.W. et al.
Pier, A.C. (Laramie, WY, U.S.A.)
Book review of *Mycotoxins - Formation, Analysis and Significance* by J.E. Smith and M.O. Moss 97

Prescott, J.F. (Guelph, Ont., Canada)
Epidemiology of *Rhodococcus equi* infection in horses 211
see Yager, J.A. et al.
see Zink, M.C. et al.
Prescott, J. and Yager, J. (Guelph, Ont., Canada)
Editorial: Havemeyer Foundation workshop on *Rhodococcus equi* pneumonia of foals 203
Reid, H.W., *see* McKeever, D.J. and Reid, H.W.
Renshaw, H.W., *see* Martens, R.J. et al.
Rieser, H., *see* Schmeer, N. et al.
Sato, K., Tanaka, Y., Tokuhisa, S. Inaba, Y. (Ibaraki, Japan), Fushiki, T. (Toyoma, Japan) and Matumoto, M. (Tokyo, Japan)
Appearance of slow-reacting and complement-requiring neutralizing antibody in cattle infected with Akabane virus 183
Sawada, T., Takahashi, T. and Tamura, Y. (Tokyo, Japan)
Antiserum against culture filtrate is cross-protective for various serovars of *Erysipelothrix rhusiopathiae* 87
Schmeer, N., Krauss, H., Apel, J., Adami, M., Muller, H.-P., Rieser, H., Schneider, W. (Giessen, F.R.G.) and Perez-Martinez, J.A. (Baton Rouge, LA, U.S.A.)
Analysis of caprine IgG1 and IgG2 subclass responses to *Chlamydia psittaci* infection and vaccination 125
Schneider, W., *see* Schmeer, N. et al.
Schwartz, W.L., *see* Crandell, R.A. et al.
Skalka, B. (Brno, Czechoslovakia)
Dynamics of equi-factor antibodies in sera of foals kept on farms with differing histories of *Rhodococcus equi* pneumonia 269
Spradbrow, P.B. (Brisbane, Australia)
Book review of *Advances in Veterinary Science and Comparative Medicine* by C.E. Cornelis and C.F. Simpson (Editors) 198
Stuart, F.A., Corbel, M.J. and Brewer, R.A. (Weybridge, Gt. Britain)
Experimental *Brucella abortus* infection in pigs 365
Sulaiman, I., *see* Hughes, K.L. and Sulaiman, I.
Swaney, L.M., Lyburt, F., Mebus, C.A. (Greenport, NY, U.S.A.), Bounavolgia, C. and Orfei, A. (Rome, Italy)
Genome analysis of African Swine Fever virus isolated in Italy in 1983 101
Sweeney, C.R., Sweeney, R.W. and Divers, T.J. (Kennett Square, PA, U.S.A.)
Rhodococcus equi pneumonia in 48 foals: response to antimicrobial therapy 329
Sweeney, R.W., *see* Sweeney, C.R. et al.
Takahashi, T., *see* Sawada, T. et al.
Takai, S., Kawazu, S. and Tsubaki, S. (Aomori, Japan)
Humoral immune response of foals to experimental infection with *Rhodococcus equi* 321
Takai, S., Fujimori, T., Katsuzaki, K. and Tsubaki, S. (Aomori, Japan)
Ecology of *Rhodococcus equi* in horses and their environment on horse-breeding farms ... 233
Takeuchi, S., Kobayashi, Y. and Morozumi, T. (Niigata, Japan)
Proteolytic zymograms of *Staphylococcus hyicus* subsp. *hyicus* isolated from pigs, chickens and cows 47
Tamura, Y. and Tanaka, M. (Tokyo, Japan)
Opsonic activity of anti-flagellar serum against *Clostridium chauvoei* by mouse polymorphonuclear leucocytes 81
Tamura, Y., *see* Sawada, T. et al.
Tanaka, M., *see* Tamura, Y. and Tanaka, M.
Tanaka, Y., *see* Sato, K. et al.
Taoudi, A., Johnson, D.W., Kheyyali, D. (Rabat-Instituts, Morocco) and Kirchhoff, H. (Hannover, F.R.G.)
Pathogenicity of *Mycoplasma capricolum* in sheep after experimental infection 137

Taylor, G., *see* Johnson, A.P. and Taylor, G.
Ter Laak, E.A. and Noordergraaf, J.H. (Lelystad, The Netherlands)
An improved method for the identification of *Mycoplasma dispar* 25
Tokuhisa, S., *see* Sato, K. et al.
Tsubaki, S., *see* Takai, S. et al.
Tsuchimoto, M., *see* Hohdatsu, T. et al.
Van den Bogaard, A.E.J.M., Hazen, M.J. (Maastricht, The Netherlands) and Vect, V. (Lelystad, The Netherlands)
The detection of obligate anaerobic bacteria in udder secretions of dry cattle with mastitis during summer: a comparison between gas–liquid chromatography and bacteriological culturing methods 173
Vandeputte, J., *see* Bironi, P. et al.
Vecht, V., *see* van den Bogaard, A.E.J.M. et al.
Vestweber, J.G., *see* Burroughs, A.L. et al.
Wall, E.P., *see* de Lisle, G.W. et al.
Whyard, T.C., *see* Knudsen, R.C. et al.
Wool, S.H., *see* Knudsen, R.C. et al.
Woolcock, J.B., Mutimer, M.D. and Bowles, P.M. (St. Lucia, Qld., Australia)
The immunological response of foals to *Rhodococcus equi*: a review 215
Woolcock, J.B., *see* Bowles, P.M. et al.
Yager, J.A. (Guelph, Ont., Canada)
The pathogenesis of *Rhodococcus equi* pneumonia in foals 225
see Zink, M.C. et al.
see Prescott, J. and Yager, J.
Yager, J.A., Duder, C.K., Prescott, J.F. and Zink, M.C. (Guelph, Ont., Canada)
The interaction of *Rhodococcus equi* and foal neutrophils in vitro 287
Yamagishi, H., *see* Hohdatsu, T. et al.
Yamamoto, M., *see* Kishima, M. et al.
Yanagawa, R., *see* Ito, H. et al.
Zink, M.C., Yager, J.A., Prescott, J.F. and Fernando, M.A. (Guelph, Ont., Canada)
Electron microscopic investigation of intracellular events after ingestion of *Rhodococcus equi* by foal alveolar macrophages 295
Zink, M.C., *see* Yager, J.A. et al.

SUBJECT INDEX

Advances in veterinary science
Veterinary science and comparative medicine (Book Review) 198
African swine fever
Cytopathogenic effect of African swine fever virus for pig monocytes: characterization and use in microassay 15
Genome analysis of African Swine Fever virus isolated in Italy in 1983 101
Akabane virus
Appearance of slow-reacting and complement-requiring neutralizing antibody in cattle infected with Akabane virus 183
Antibiotics
Rhodococcus equi pneumonia in 48 foals: response to antimicrobial therapy 329
Use of erythromycin–rifampin combination in treatment of *Rhodococcus equi* pneumonia 337
Aujeszky's Disease
Effect of intratesticular inoculation with Aujeszky's disease virus on genital organs of boars 355
Bacteriology
An examination of *Campylobacter fetus* subsp. *fetus* by restriction endonuclease analysis and serology 53
An improved method for the identification of *Mycoplasma dispar* 25
Antiserum against culture filtrate is cross-protective for various serovars of *Erysipelothrix rhusiopathiae* 87
Cell-mediated and humoral immune response to non-viable *Mycoplasma pulmonis* in mice enhanced by cross-linked ricin 145
Comparison of surface hydrophobicity of piliated and non-piliated clones of *Corynebacterium renale* and *Corynebacterium pilosum* 165
Enteric infections caused by non-enterotoxigenic *Escherichia coli* in animals: occurrence and pathogenicity mechanisms. A review 33
Experimental *Brucella abortus* infection in pigs 365
Immunization with *Brucella melitensis* Rev 1 against *Brucella ovis* infection of rams 381
Ingestion and killing of *Pasteurella haemolytica* A1 by bovine neutrophils in vitro 61
Monoclonal antibodies against bacteria (Book Review) 197
Opsonic activity of anti-flagellar serum against *Clostridium chauvoei* by mouse polymorphonuclear leucocytes 81
Pathogenicity of *Mycoplasma capricolum* in sheep after experimental infection 137
Protection of sheep against footrot with a recombinant DNA-based fimbrial vaccine 393
Proteolytic zymograms of *Staphylococcus hyicus* subsp. *hyicus* isolated from pigs, chickens and cows 47
See Special Issue pp.203–342
The immune response to experimental *Pasteurella haemolytica* infection in calves 75
The potential of the ovine udder as a model to determine the pathogenicity of bovine ureaplasmas 157
Brucella abortus
Experimental *Brucella abortus* infection in pigs 365
Brucella melitensis
Immunization with *Brucella melitensis* Rev 1 against *Brucella ovis* infection of rams 381
Brucella ovis
Immunization with *Brucella melitensis* Rev 1 against *Brucella ovis* infection of rams 381

Campylobacter fetus
An examination of *Campylobacter fetus* subsp. *fetus* by restriction endonuclease analysis and serology 53
Cattle
Appearance of slow-reacting and complement-requiring neutralizing antibody in cattle infected with Akabane virus 183
Proteolytic zymograms of *Staphylococcus hyicus* subsp. *hyicus* isolated from pigs, chickens and cows 47
The detection of obligate anaerobic bacteria in udder secretions of dry cattle with mastitis during summer: a comparison between gas–liquid chromatography and bacteriological culturing methods 173
The immune response to experimental *Pasteurella haemolytica* infection in calves 75
Chickens
Clinical effects, virological and serological responses in chickens following in-ovo inoculation of reticuloendotheliosis virus 411
Proteolytic zymograms of *Staphylococcus hyicus* subsp. *hyicus* isolated from pigs, chickens and cows 47
Chlamydia psittaci
Analysis of caprine IgG1 and IgG2 subclass responses to *Chlamydia psittaci* infection and vaccination 125
Classical swine fever,
Inhibition of virus replication in the tonsils of pigs previously vaccinated with a Chinese strain vaccine and challenged oronasally with a virulent strain of classical swine fever virus 105
Clostridium chauvoei
Opsonic activity of anti-flagellar serum against *Clostridium chauvoei* by mouse polymorphonuclear leucocytes 81
Control measures
Rhodococcus equi pneumonia in 48 foals: response to antimicrobial therapy 329
Use of erythromycin–rifampin combination in treatment of *Rhodococcus equi* pneumonia 337
Corynebacterium pilosum
Comparison of surface hydrophobicity of piliated and non-piliated clones of *Corynebacterium renale* and *Corynebacterium pilosum* 165
Corynebacterium renale
Comparison of surface hydrophobicity of piliated and non-piliated clones of *Corynebacterium renale* and *Corynebacterium pilosum* 165
Cross protection
Antiserum against culture filtrate is cross-protective for various serovars of *Erysipelothrix rhusiopathiae* 87
Cytotoxins
Enteric infections caused by non-enterotoxigenic *Escherichia coli* in animals: occurrence and pathogenicity mechanisms. A review 33
Diagnostics
An examination of *Campylobacter fetus* subsp. *fetus* by restriction endonuclease analysis and serology 53
An improved method for the identification of *Mycoplasma dispar* 25
The detection of obligate anaerobic bacteria in udder secretions of dry cattle with mastitis during summer: a comparison between gas–liquid chromatography and bacteriological culturing methods 173

Diarrhoea
Enteric infections caused by non-enterotoxigenic *Escherichia coli* in animals: occurrence and pathogenicity mechanisms. A review 33
Environmental factors
Ecology of *Rhodococcus equi* in horses and their environment on horse-breeding farms ... 233
The ecology of *Rhodococcus equi* and physicochemical influences on growth 241
Enzymology
An examination of *Campylobacter fetus* subsp. *fetus* by restriction endonuclease analysis and serology 53
Proteolytic zymograms of *Staphylococcus hyicus* subsp. *hyicus* isolated from pigs, chickens and cows 47
Epidemiology
Epidemiology of *Rhodococcus equi* infection in horses 211
Rhodococcus equi in fecal and environmental samples from Kansas horse farms 251
Erysipelothrix rhusiopathiae
Antiserum against culture filtrate is cross-protective for various serovars of *Erysipelothrix rhusiopathiae* 87
Escherichia coli
Enteric infections caused by non-enterotoxigenic *Escherichia coli* in animals: occurrence and pathogenicity mechanisms. A review 33
Footrot
Protection of sheep against footrot with a recombinant DNA-based fimbrial vaccine 393
Fungi
Moulds and filamentous fungi (Book Review) 98
Mycotoxins (Book Review) 97
Gastroenteritis
Antigenic variation of porcine transmissible gastroenteritis virus detected by monoclonal antibodies 115
Transmissible gastroenteritis (TGE) of swine: in vitro virus attachment and effects of polyanions and polycations 343
Genetics
Genome analysis of African Swine Fever virus isolated in Italy in 1983 101
Goat
Analysis of caprine IgG1 and IgG2 subclass responses to *Chlamydia psittaci* infection and vaccination 125
Horse
Epidemiology of *Rhodococcus equi* infection in horses 211
Hydrophobicity
Comparison of surface hydrophobicity of piliated and non-piliated clones of *Corynebacterium renale* and *Corynebacterium pilosum* 165
Immunology
Analysis of caprine IgG1 and IgG2 subclass responses to *Chlamydia psittaci* infection and vaccination 125
An examination of *Campylobacter fetus* subsp. *fetus* by restriction endonuclease analysis and serology 53
Antigenic variation of porcine transmissible gastroenteritis virus detected by monoclonal antibodies 115
Antiserum against culture filtrate is cross-protective for various serovars of *Erysipelothrix rhusiopathiae* 87
Appearance of slow-reacting and complement-requiring neutralizing antibody in cattle infected with Akabane virus 183

Cell-mediated and humoral immune response to non-viable *Mycoplasma pulmonis* in mice enhanced by cross-linked ricin 145
Clinical effects, virological and serological responses in chickens following in-ovo inoculation of reticuloendotheliosis virus 411
Cytopathogenic effect of African swine fever virus for pig monocytes: characterization and use in microassay 15
Dynamics of *equi*-factor antibodies in sera of foals kept on farms with differing histories of *Rhodococcus equi* pneumonia 269
Humoral immune response of foals to experimental infection with *Rhodococcus equi* 321
Ingestion and killing of *Pasteurella haemolytica* A1 by bovine neutrophils in vitro 61
Inhibition of virus replication in the tonsils of pigs previously vaccinated with a Chinese strain vaccine and challenged oronasally with a virulent strain of classical swine fever virus 105
Monoclonal antibodies against bacteria (Book Review) 197
Opsonic activity of anti-flagellar serum against *Clostridium chauvoei* by mouse polymorphonuclear leucocytes 81
Rhodococcus equi: equine neutrophil chemiluminescent and bactericidal responses to opsonizing antibody 277
The immune response to experimental *Pasteurella haemolytica* infection in calves 75
The immunological response of foals to *Rhodococcus equi*: a review 215
The interaction of *Rhodococcus equi* and foal neutrophils in vitro 287
The response of the supramammary lymph node of the sheep to secondary infection with orf virus 3

Mastitis

The detection of obligate anaerobic bacteria in udder secretions of dry cattle with mastitis during summer: a comparison between gas–liquid chromatography and bacteriological culturing methods 173
The potential of the ovine udder as a model to determine the pathogenicity of bovine ureaplasmas 157

Mouse

Antiserum against culture filtrate is cross-protective for various serovars of *Erysipelothrix rhusiopathiae* 87
Cell-mediated and humoral immune response to non-viable *Mycoplasma pulmonis* in mice enhanced by cross-linked ricin 145
Experimental infection of mice with *Rhodococcus equi*: differences in virulence between strains 259
Opsonic activity of anti-flagellar serum against *Clostridium chauvoei* by mouse polymorphonuclear leucocytes 81

Mycoplasma capricolum

Pathogenicity of *Mycoplasma capricolum* in sheep after experimental infection 137

Mycoplasma dispar

An improved method for the identification of *Mycoplasma dispar* 25

Mycoplasma pulmonis

Cell-mediated and humoral immune response to non-viable *Mycoplasma pulmonis* in mice enhanced by cross-linked ricin 145

Orf virus

The response of the supramammary lymph node of the sheep to secondary infection with orf virus 3

Pasteurella haemolytica

Ingestion and killing of *Pasteurella haemolytica* A1 by bovine neutrophils in vitro 61
The immune response to experimental *Pasteurella haemolytica* infection in calves 75

Pathogenicity
Clinical effects, virological and serological responses in chickens following in-ovo inoculation of reticuloendotheliosis virus 411
Cytopathogenic effect of African swine fever virus for pig monocytes: characterization and use in microassay 15
Electron microscopic investigation of intracellular events after ingestion of *Rhodococcus equi* by foal alveolar macrophages 295
Enteric infections caused by non-enterotoxigenic *Escherichia coli* in animals: occurrence and pathogenicity mechanisms. A review 33
Interaction of *Rhodococcus equi* with phagocytic cells from *R. equi*-exposed and non-exposed foals 307
Pathogenicity of *Mycoplasma capricolum* in sheep after experimental infection 137
The pathogenesis of *Rhodococcus equi* pneumonia in foals 225
The potential of the ovine udder as a model to determine the pathogenicity of bovine ureaplasmas 157
Phagocytosis
Interaction of *Rhodococcus equi* with phagocytic cells from *R. equi*-exposed and non-exposed foals 307
Opsonic activity of anti-flagellar serum against *Clostridium chauvoei* by mouse polymorphonuclear leucocytes 81
Pig
Antigenic variation of porcine transmissible gastroenteritis virus detected by monoclonal antibodies 115
Cytopathogenic effect of African swine fever virus for pig monocytes: characterization and use in microassay 15
Effect of intratesticular inoculation with Aujeszky's disease virus on genital organs of boars 355
Experimental *Brucella abortus* infection in pigs 365
Inhibition of virus replication in the tonsils of pigs previously vaccinated with a Chinese strain vaccine and challenged oronasally with a virulent strain of classical swine fever virus 105
Isolation of infectious bovine rhinotracheitis virus from a latently infected feral pig 191
Proteolytic zymograms of *Staphylococcus hyicus* subsp. *hyicus* isolated from pigs, chickens and cows 47
Transmissible gastroenteritis (TGE) of swine: in vitro virus attachment and effects of polyanions and polycations 343
Pneumonia
See Special Issue pp.203–342
Rabies
Rabies (Book Review) 95
Reticuloendotheliosis
Clinical effects, virological and serological responses in chickens following in-ovo inoculation of reticuloendotheliosis virus 411
Rhinotracheitis
Isolation of infectious bovine rhinotracheitis virus from a latently infected feral pig 191
Rhodococcus equi
See Special Issue pp.203–342
Sheep
Immunization with *Brucella melitensis* Rev 1 against *Brucella ovis* infection of rams 381
Pathogenicity of *Mycoplasma capricolum* in sheep after experimental infection 137
Protection of sheep against footrot with a recombinant DNA-based fimbrial vaccine 393

The potential of the ovine udder as a model to determine the pathogenicity of bovine ureaplasmas 157
The response of the supramammary lymph node of the sheep to secondary infection with orf virus 3
Staphylococcus hyicus
Proteolytic zymograms of *Staphylococcus hyicus* subsp. *hyicus* isolated from pigs, chickens and cows 47
Taxonomy
The taxonomic status of *Rhodococcus equi* 205
Testis
Effect of intratesticular inoculation with Aujeszky's disease virus on genital organs of boars 355
Theriogenology
Disease transmission (Book Review) 201
Ureaplasma spp.
The potential of the ovine udder as a model to determine the pathogenicity of bovine ureaplasmas 157
Vaccination
Analysis of caprine IgG1 and IgG2 subclass responses to *Chlamydia psittaci* infection and vaccination 125
Immunization with *Brucella melitensis* Rev 1 against *Brucella ovis* infection of rams 381
Inhibition of virus replication in the tonsils of pigs previously vaccinated with a Chinese strain vaccine and challenged oronasally with a virulent strain of classical swine fever virus 105
Protection of sheep against footrot with a recombinant DNA-based fimbrial vaccine 393
Virology
Antigenic variation of porcine transmissible gastroenteritis virus detected by monoclonal antibodies 115
Appearance of slow-reacting and complement-requiring neutralizing antibody in cattle infected with Akabane virus 183
Clinical effects, virological and serological responses in chickens following in-ovo inoculation of reticuloendotheliosis virus 411
Cytopathogenic effect of African swine fever virus for pig monocytes: characterization and use in microassay 15
Effect of intratesticular inoculation with Aujeszky's disease virus on genital organs of boars 355
Genome analysis of African Swine Fever virus isolated in Italy in 1983 101
Inhibition of virus replication in the tonsils of pigs previously vaccinated with a Chinese strain vaccine and challenged oronasally with a virulent strain of classical swine fever virus 105
Isolation of infectious bovine rhinotracheitis virus from a latently infected feral pig 191
Rabies (Book Review) 95
The response of the supramammary lymph node of the sheep to secondary infection with orf virus 3
Transmissible gastroenteritis (TGE) of swine: in vitro virus attachment and effects of polyanions and polycations 343
Virulence
Experimental infection of mice with *Rhodococcus equi*: differences in virulence between strains 259
Virus attachment
Transmissible gastroenteritis (TGE) of swine: in vitro virus attachment and effects of polyanions and polycations 343